Original/Duplicate/Triplicate

P.W.G. 17 **1st and Final Bill** **CONTRACT CERTIFICATE** Reference paras

NO

Division **Dasarahalli** Sub division **Shettyhalli** Date

Bills received No Date Sub-divisional Cash book vr No

Divisional Date

Sheduled Docket No Head of account

Name of work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Name of contractor and full address :- Sri. M. D. Gnanendra Murthy, #410, Balaji Nilaya, 5th Main Road, Kengeri Satellite Town, Bangalore-60.

Reference to agreement No :- EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Iob Code: 013-20-000129. Estimated cost : 45.00 Lakhs

Certified that the measurments were taken by me on 31/12/21 and recorded on pages 488849 to 488853 of measurment book No. 4889/16-17 and the work is satisfactorily executed by the contractor.

Signature of contractor **Assistant Engineer**

Certified that the measurments were taken by me on 31.12.21 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within	1st and Final all Bill →	3895381=00
2) Deduct amount to be held in reserve being-----percent Rs-----		
3) Balance---		
4) Deduct		
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------	IT →	38954=00
	Total →	38954=00
b) Cost of payments/stores or other materials supplied now	CGST →	3895=00 (-)
Amount paid on this bill by cheque/cash	Total	
	FSD →	116861=00
5). Balance being unpaid value of work done held in reserve		275824=00
6) Deduct cash of advance made on divisional/sub divisional cash book vr No----------dated----------last adjustment	Fine →	7600=00
	CGST →	34780=00
7) Net amount due to or from contractor.	SGST →	34780=00
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED	Net Amount →	3619557=00

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all

Witness

1)

2)

Dated signature of contractor

paid by me cheque No dated

Cash Rs

Date Initials of officer making payment

Reciept Stamp

Audited and admitted for Rs. 3895381=00

Passed by Cheque for Rs. 3619557=00

Thirty Six lakh Nineteen thousand five Hundred fifty Seven only

2758 24=00

by adjust...

Accounts Superintendent Date

Exe. Engineer

Executive Engineer

B.B.M.P. Dasarahalli Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

BILL FORM

Sl.No	Item of work	Unit
1	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202	Cum
2	SRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3	Sqm
3	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum
4	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3	Sqm
5	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum
6	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100	Cum
7	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum, Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum.	Cum

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

BILL FORM

Sanctioned		Previous Bill		Present Bill		Total Up to Date Bill		Remarks
Qty	RATE	Qty	Amount	Qty.	Amount	Qty.	Amount	
87.30	900.00	–	–	87.21	78,489.00	87.21	78,489.00	
1065.60	85.00	–	–	1065.60	90,576.00	1065.60	90,576.00	
441.00	125.00	–	–	438.09	54,761.00	438.09	54,761.00	
1647.60	5.00	–	–	1644.00	8,220.00	1644.00	8,220.00	
353.70	1900.00	–	–	352.86	6,70,434.00	352.86	6,70,434.00	
87.30	5000.00	–	–	87.30	4,36,500.00	87.30	4,36,500.00	
218.40	4900.00			215.41	10,55,509.00	215.41	10,55,509.00	

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Sl.No	Item of work	Unit	Sanctioned		Previous Bill		Present Bill		Total Up to Date Bill		Remarks
			Qty	RATE	Qty	Amount	Qty.	Amount	Qty.	Amount	
8	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	1468.00	65.00	–	–	1436.04	93,343.00	1436.04	93,343.00	
9	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision	Sqm	1065.60	20.00	–	–	1062.60	21,252.00	1062.60	21,252.00	
10	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision. - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 4.5 % VG-30 Bitumen.	Cum	51.34	5800.00	–	–	51.34	2,97,772.00	51.34	2,97,772.00	
11	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision.	Sqm	2150.60	4.00	–	–	1983.22	7,933.00	1983.22	7,933.00	
12	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision	Sqm	2150.60	10.00	–	–	1983.22	19,832.00	1983.22	19,832.00	
13	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic).	Cum	86.02	7000.00	–	–	86.02	6,02,140.00	86.02	6,02,140.00	
14	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates/Sand/Kanker / Moorum.KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	Cum	597.56	50.00	–	–	589.40	29,470.00	589.40	29,470.00	
15	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 , Case-I : Surface Road	t.Km	597.56	20.00	–	–	589.40	11,788.00	589.40	11,788.00	
	Sub Total Amount							**34,78,019.00**		**34,78,019.00**	
	Add 12% GST Charges							**4,17,362.28**		**4,17,362.28**	
	Grand Total Amount							**38,95,381.28**		**38,95,381.28**	

Certificate:-

1 **The above work has been completed satisfactorily**
2 **The Debris has been removed and disposed from the work spot.**
3 **No.Departmental issues are made to the contractor.**

Asst Engineer
Ward No-013
BBMP Bangalore

Asst.Executive Engineer
Shettyhalli Sub division
BBMP Bangalore

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